

Electromobility in Austria

Facts & Figures | April 2023



3,395
E-vehicles (BEV, M1)
new registrations



182
E-vehicles (BEV, N1)
new registrations



6
E-vehicles (BEV, N2, N3,
M2, M3) new registrations



123,913
E-vehicles (BEV, M1)
fleet

2030: 100% E-vehicles (BEV) in new registrations

18% share of E-vehicles (M1) in new registrations
in April 2023



➤ Trend in April

In April 3,395 electric cars (BEV, M1) and 182 electric light commercial vehicles (BEV, N1) were newly registered in Austria. The overall number of E-vehicles (BEV) has increased to 123,913. Comparing the nine federal states, Salzburg leads with a BEV share of new registrations of 23.63%.

➤ Overview and comments in April 2023

Spring 2023 is particularly marked by national value creation potentials. OLÉ - Austria's National Competence Center for Electromobility tracks the figures and data and links them to assessments of the most important developments.

Austrian value creation potentials through e-mobility

The wide-ranging opportunities offered by electric mobility for Austria as a business location are currently particularly evident in Upper Austria and Styria.

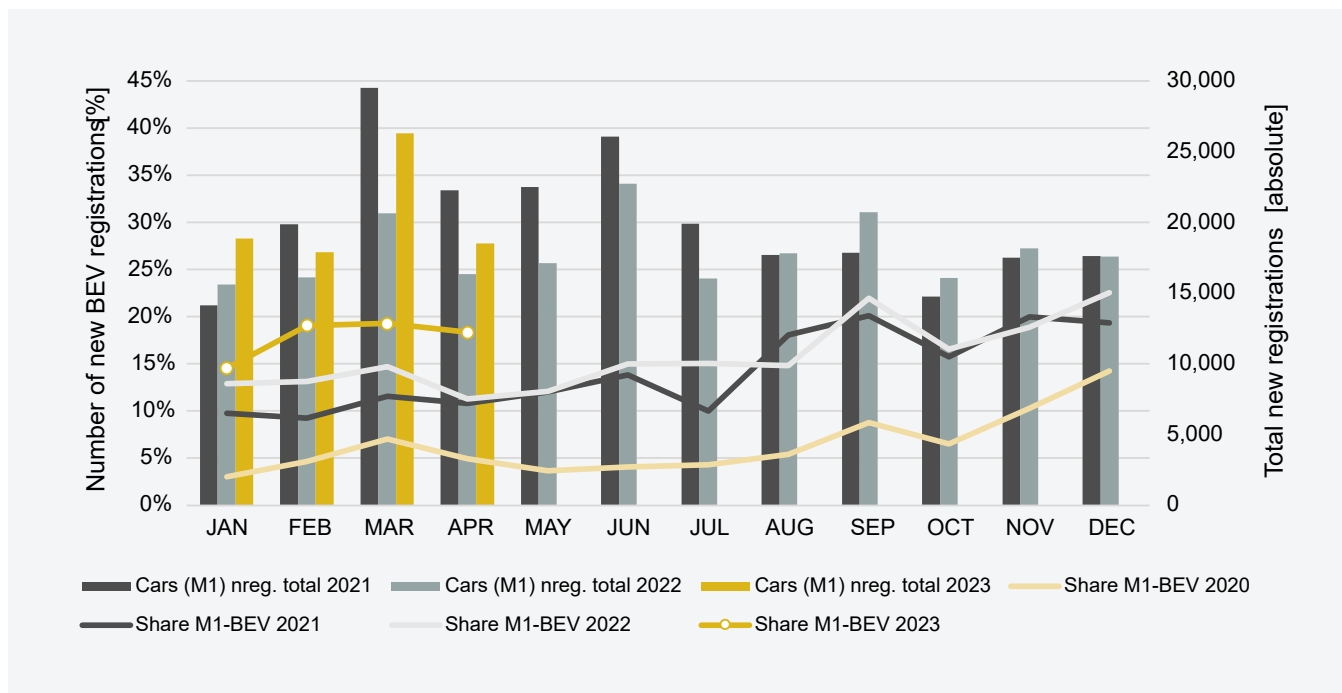
BMW, for example, is investing around one billion euros in electric motor production in Steyr, Upper Austria. By 2025,

more than 600,000 units are to be produced. In April, Steyr Automotive also started the serial production of electric trucks by Volta Trucks. While an initial 1,300 vehicles are to be produced this year, the capacity for up to 14,000 vehicles per year will be available in the future. This will create more than 700 jobs at the plant alone.

In Styria, Magna started serial production of the Fisker electric car at the end of 2022. The model has now received European sales approval and deliveries will start in May. Meanwhile, as part of a contract extension with Mercedes-Benz to produce an SUV in Graz, the production of more than 10,000 units per year of the electric variant was agreed from 2024. Furthermore, Magna announced a major order for its electric drive system. Production will start in 2026 at a plant in Slovakia and in Lannach, Styria.

Source: OOE.ORF.at, TRAKTUELL; Electrive.net [27/04/2023], steiermark.ORF.at, Electrive.net [05/05/2023]

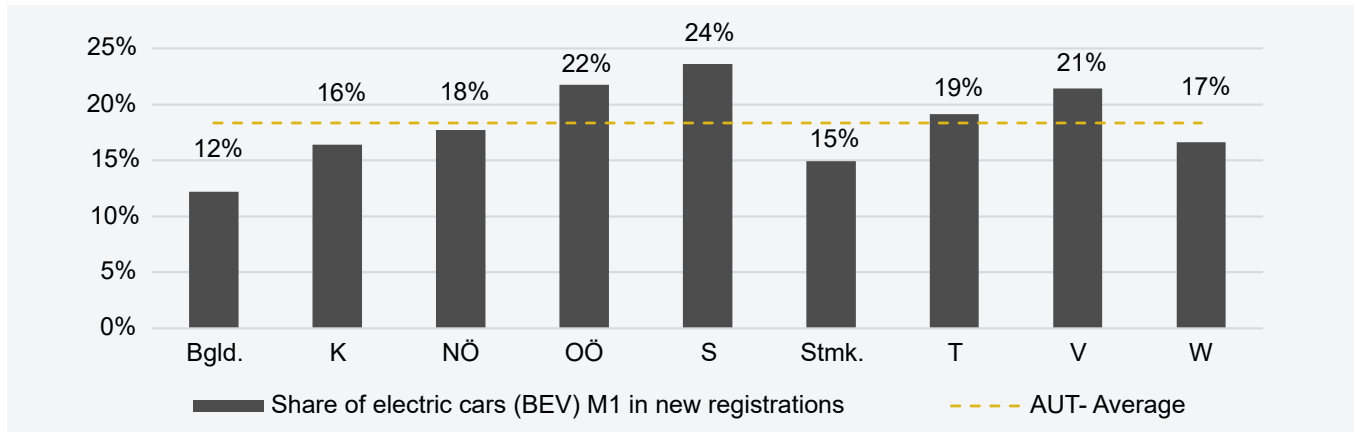
New registrations of e-vehicles per month: e-vehicles (BEV) M1, 2020-2023



Source: Statistics Austria; Data status: End of each month respectively 30.04.2023; Illustration: AustriaTech

New e-vehicle registrations in April 2023

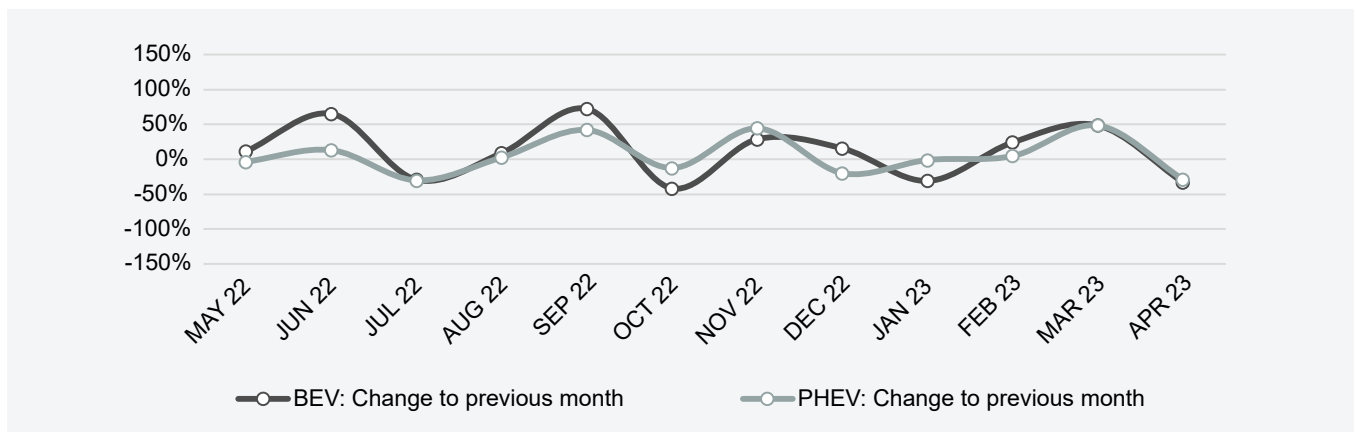
➤ Top 3 in e-vehicles (BEV) M1: S 24% OÖ 22% V 21%



Source: Statistik Austria; Data status: End of each month, Illustration: AustriaTech

Trend in new e-vehicle registrations, monthly comparison

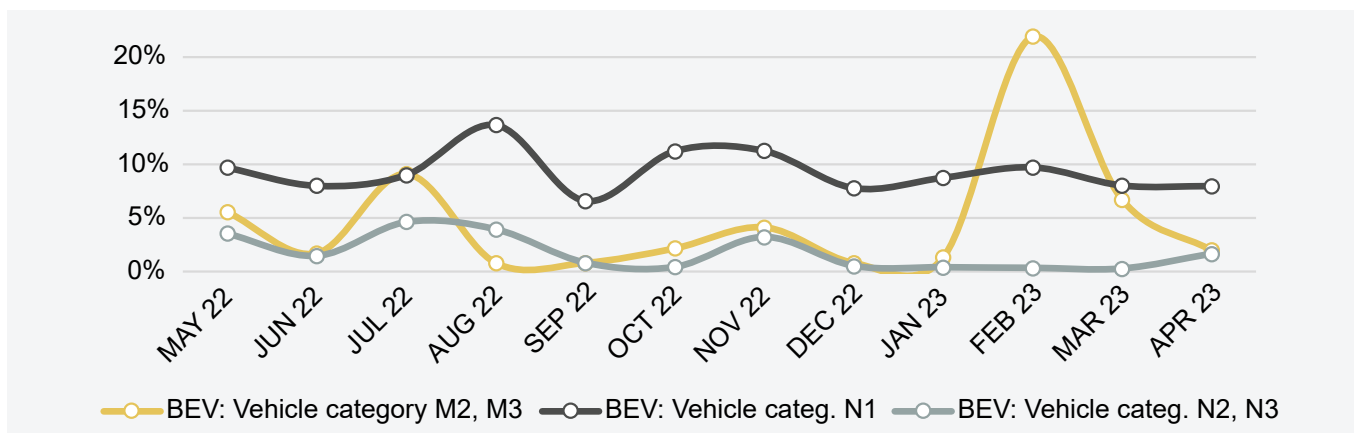
➤ BEV: -33% to previous month / PHEV: -29% to p.m.



Source: Statistik Austria; Data status: End of each month, Illustration: AustriaTech

New registrations by categories of commercial e-vehicles

➤ E-LCV (BEV) N1: 182 / E-HGV (BEV) N2, N3: 5



Source: Statistik Austria; Data status: End of each month, Illustration: AustriaTech

New vehicle registrations per year by vehicle type, fuel type or power source

Vehicle types, fuel types or energy source	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023 Apr
Passenger Vehicle Class M1	303,318	308,555	329,604	353,320	341,068	329,363	248,740	239,803	215,050	81,556
Petrol incl. Flex-Fuel	126,503	122,832	131,756	163,701	184,150	176,706	107,771	91,478	78,567	28,316
Diesel	172,381	179,822	188,820	175,458	140,111	126,311	90,909	58,263	48,115	16,222
Battery Electric Vehicle (BEV)	1,281	1,677	3,826	5,433	6,757	9,242	15,972	33,366	34,165	14,630
Compressed natural gas CNG (monovalent/bivalent)	788	703	484	435	641	578	407	85	59	1
Plug-In Hybrid Electric Vehicle (PHEV)	434	1,101	1,237	1,721	1,888	2,156	7,641	14,626	13,268	5,737
Fuel Cell Electric Vehicle (FCEV)	3	9	5	0	7	19	14	14	14	2
New e-Vehicle Registrations M1 (BEV, PHEV, FCEV)	1,718	2,787	5,068	7,154	8,652	11,417	23,627	48,006	47,447	20,369
Electric Vehicle Share of New Registrations M1	0.57%	0.90%	1.54%	2.02%	2.54%	3.47%	9.50%	20.02%	22.06%	24.98%
Further Electric Vehicles of the Classes L, M, N	876	930	1,949	1,910	2,724	3,141	3,558	6,155	6,485	1,729
Motorbikes/Tricycles/Quadracycles (Class L)	672	651	1,478	1,667	2,251	2,617	2,805	3,765	4,335	919
Busses Class M2 and M3	1	12	22	6	17	22	14	11	26	13
Duty Vehicle Class N1 (< 3.5 ton)	203	267	449	237	446	500	739	2,341	2,067	789
Duty Vehicle Class N2, N3 (> 3.5 ton)	0	0	0	0	10	2	0	38	57	8

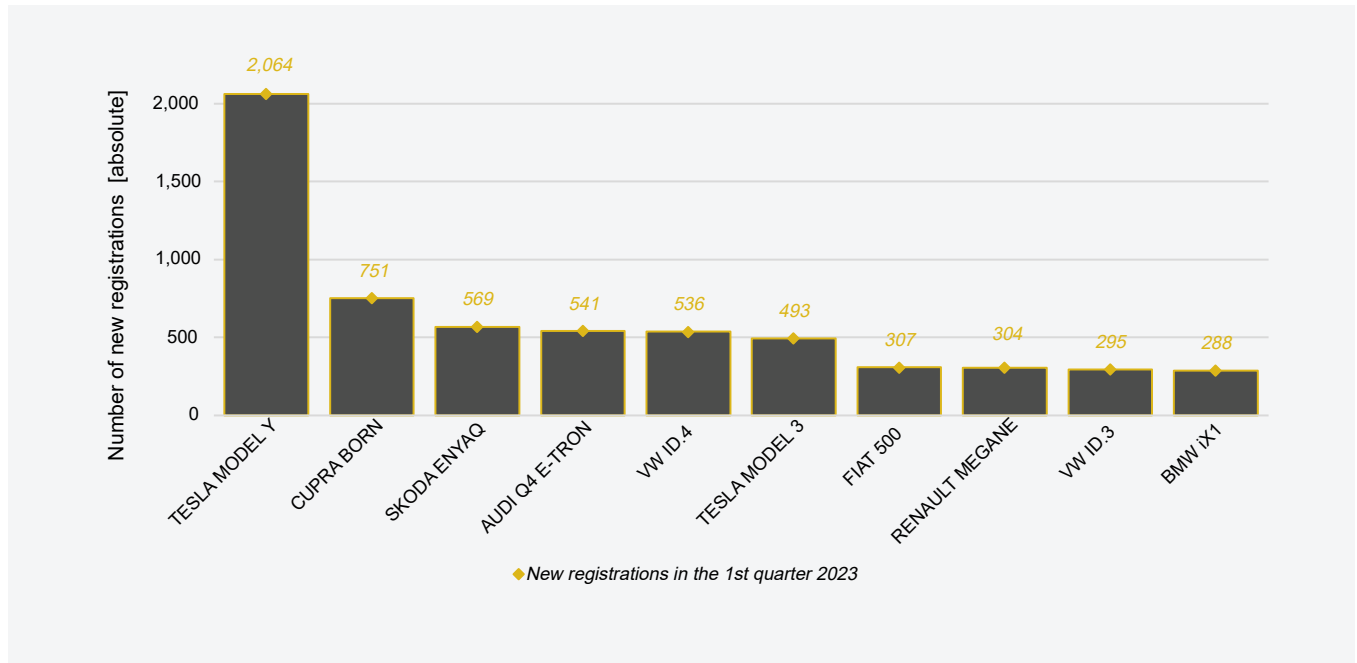
Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 30.04.2023; Illustration: AustriaTech

Vehicle population per year by vehicle type, fuel type or power source

Vehicle types, fuel types or energy source	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023 Apr
Passenger Vehicle Class M1	4,694,921	4,748,048	4,821,557	4,898,578	4,978,852	5,039,548	5,091,827	5,133,836	5,150,890	5,166,253
Petrol incl. Flex-Fuel	2,011,104	2,019,139	2,038,019	2,080,434	2,139,239	2,179,235	2,195,578	2,197,006	2,189,530	2,196,431
Diesel	2,663,063	2,702,922	2,749,046	2,770,470	2,776,332	2,772,854	2,762,273	2,717,475	2,651,280	2,630,366
Battery Electric Vehicle (BEV)	3,386	5,032	9,073	14,618	20,831	29,523	44,507	76,539	110,225	123,913
Compressed natural gas CNG (monovalent/bivalent)	4,262	4,775	5,031	5,206	5,542	5,746	5,731	5,455	5,180	5,066
Plug-In Hybrid Electric Vehicle (PHEV)	776	1,512	2,287	3,948	5,710	8,042	15,237	29,021	41,580	47,275
Fuel Cell Electric Vehicle (FCEV)	3	6	13	19	24	41	45	55	62	62
Electric Vehicle Population M1 (BEV, PHEV, FCEV)	4,165	6,550	11,373	18,585	26,565	37,606	59,789	105,615	151,867	171,250
Electric Vehicle – Change on Previous Year	68.08%	57.26%	73.63%	63.41%	42.94%	41.56%	58.99%	76.65%	43.79%	43.64%
Electric Vehicle Share in Population M1	0.09%	0.14%	0.24%	0.38%	0.53%	0.75%	1.17%	2.06%	2.95%	3.31%
Further Electric Vehicles of the Classes L, M, N	6,067	6,532	7,524	8,912	10,920	13,311	16,080	21,561	26,504	28,233
Motorbikes/Tricycles/Quadracycles (Class L)	5,116	5,324	5,907	7,057	8,614	10,533	12,565	15,716	18,621	19,540
Busses Class M2 and M3	131	138	149	143	154	161	172	174	202	215
Duty Vehicle Class N1 (< 3.5 ton)	819	1,069	1,467	1,711	2,141	2,605	3,330	5,627	7,582	8,371
Duty Vehicle Class N2, N3 (> 3.5 ton)	1	1	1	1	11	12	13	44	99	107

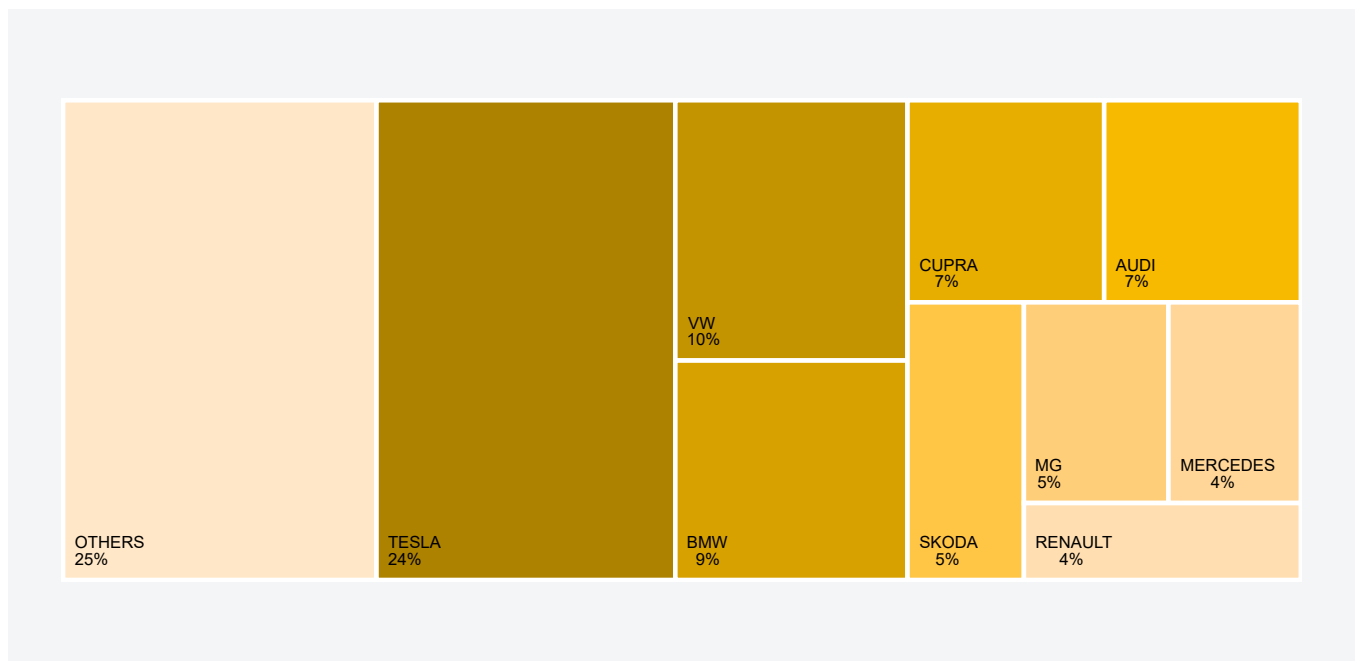
Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 30.04.2023; the 2023 population figures for PHEV (M1) and for other e-vehicles of the classes L, M, N were calculated on the basis of the old population (31.12.2022) and the cumulative new registrations of the current year; analogous to the determination of the PHEV population, the stocks of electric vehicles of the classes L, M2, M3 as well as N1, N2 & N3 of the current year were calculated. ; Illustration: AustriaTech

Best selling electric passenger cars (BEV) M1 by model, 1st quarter 2023



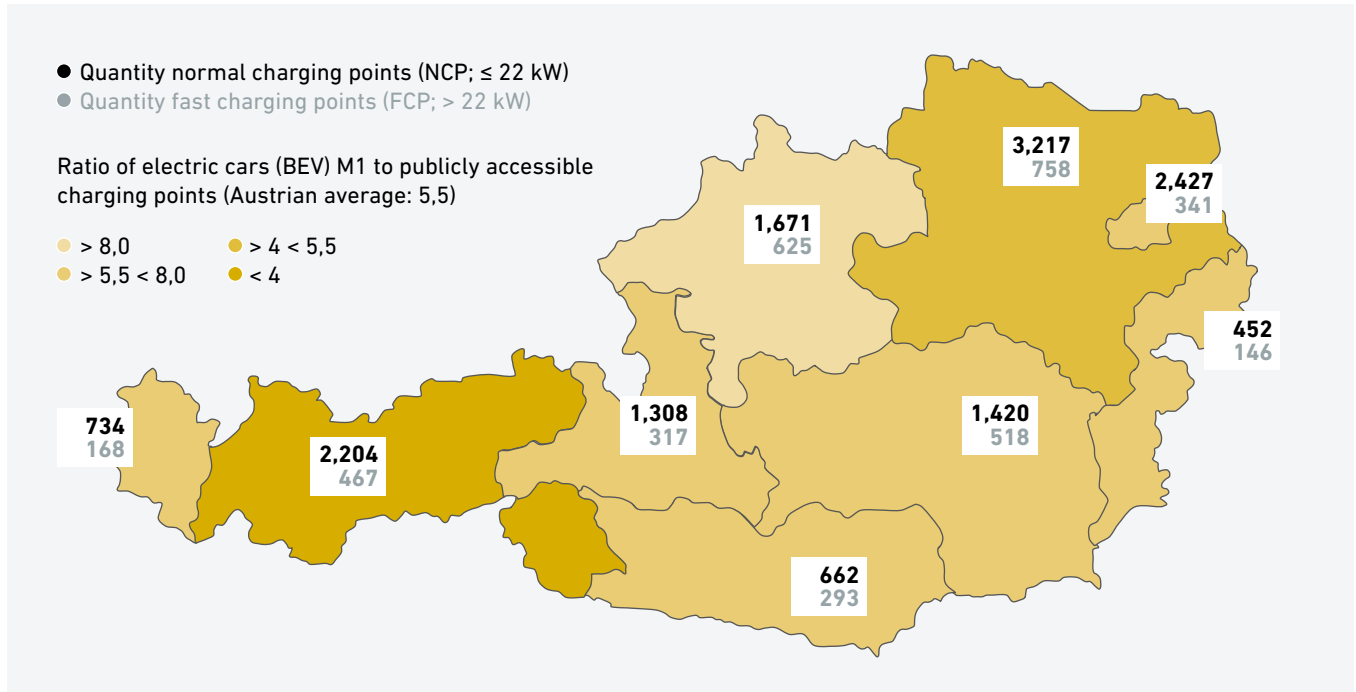
Source: Statistik Austria; Data status: 31.03.2023, Illustration: AustriaTech

Best selling electric passenger cars (BEV) M1 by brand, 1st quarter 2023



Source: Statistik Austria; Data status: 31.03.2023, Illustration: AustriaTech

Publicly accessible charging points per federal state, 1st quarter 2023 (absolute numbers)



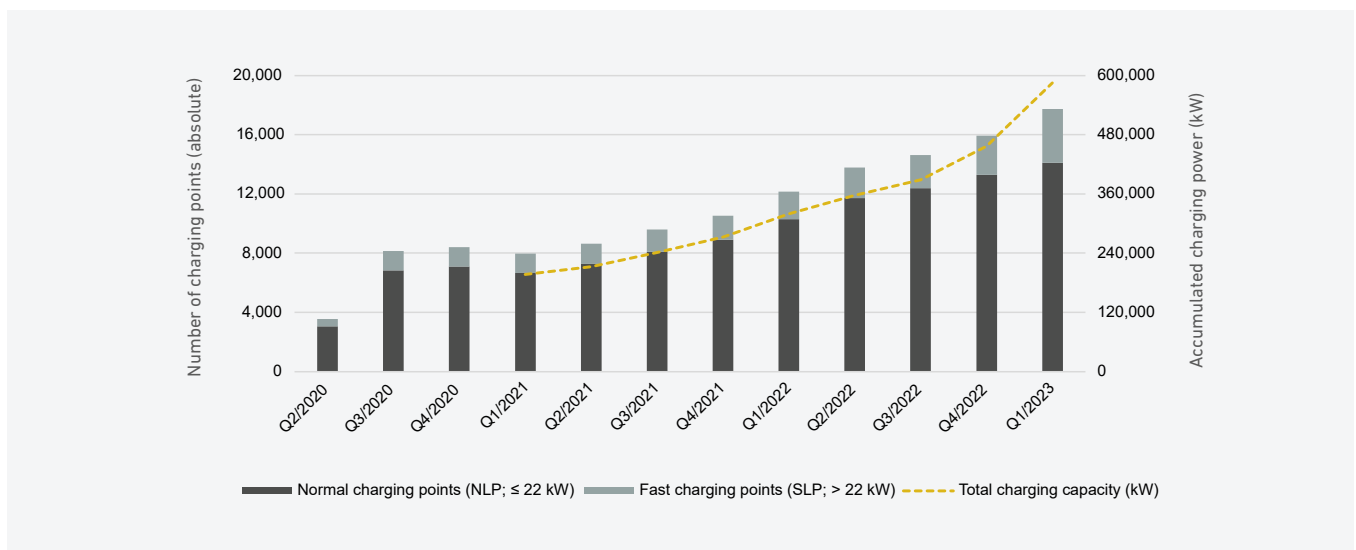
Source: E-Control; Data status: 01.04.2023, Illustration: AustriaTech

As of 1st April 2023, there were a total of 14,095 normal charging points and 3,633 fast charging points in Austria.

Note: The figure shows publicly available normal and fast charging points according to Directive 2014/94/EU per federal state.

“Österreichs Leitstelle für Elektromobilität” is the central hub and competence center for national electromobility agendas. It supports the extension of charging infrastructure in public spaces and particularly enforces fast charging points. These can supply more vehicles, which means that the ratio alone is not sufficient to assess the quality of supply in a region. Unlike public charging infrastructure, slow charging with up to 5.5 kW is sufficient in most cases for home charging.

Publicly accessible charging points and total charging capacity per quarter, 2020-2023



Source: E-Control; Data status: end of the respective quarter, Illustration: AustriaTech

Imprint



About

The monthly publication “Electromobility in Austria Facts & Figures” is created by AustriaTech in its role as National Competence Center For Electromobility (“Österreichs Leitstelle für Elektromobilität”) and offers a compact overview of recent developments in electromobility.

You can find the current issue of the publication series “Electromobility in Austria Facts & Figures” at www.austriatech.at/downloads as well as at www.austriatech.at/zahlen-daten-fakten-archiv

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Glossary

BEV: Battery Electric Vehicle
FCEV: Fuel Cell Electric Vehicle
PHEV: Plug-In-Hybrid Electric Vehicle
BEV + PHEV + FCEV: E-Vehicles